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- (71) Applicant (for all designated States except US): **SSCP CO., LTD.** [KR/KR]; #403-2, Moknae-dong, 425-110 Ansan-si, Kyungki-do (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CHANG, Selee** [KR/KR]; Jugong Apt. 614-202, Gojan-dong, 425-020 Ansan-si, Kyungki-do (KR). **LEE, Daesung** [KR/KR]; Sejong Apt. 649-1004, #1145, Sanbon-dong, 435-040 Kunpo-si, Kyungki-do (KR). **OH, Junghyun** [KR/KR]; Hyundaimansion 6-104, Kwanyang-dong, Dongan-gu, 431-060 Anyang-si, Kyungki-do (KR).
- (74) Agents: **JANG, Seongku et al.**; 19th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
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(54) Title: UV-CURABLE RESIN COMPOSITION FOR CLADDING OPTICAL FIBER

(57) **Abstract:** The present invention relates to a UV curable clad resin composition for optical fiber or waveguide comprising: (A) a photopolymerizable acrylate oligomer derived from the mixture composed of a polyol copolymer, an acid anhydride, an acrylate alcohol, a condensation polymerization catalyst and a polymerization inhibitor, (B) a photopolymerizable monomer, (C) a photopolymerization initiator, and (D) a leveling or antifoaming agent. The inventive composition minimizes optical loss and has a controllable low refractive index in the range of 1.35 to 1.46.

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